

Safety Data Sheet

Star Grit Blåsemiddel

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : Star Grit Blåsemiddel

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Blast agents.

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Birkedalsveien 31
4640 SØGNE - Norge
T +47 38 05 07 11 - F +47 38 05 07 26
paul@oegrey.no - www.oegrey.no

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
United Kingdom	National Poisons Information Service (Newcastle Unit)	Claremont Place Newcastle-upon-Tyne, Newcastle	+44 191 2606182/+44 191 2606180 24H

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Comment : The product contains: < 0.01 % cobalt and nickel, < 0.5 % lead and < 0.01 % cadmium. The content of allergenic substances are < 0,03 % The content of carcinogenic substances are < 0.09 % The product contains: < 1 % free quartz.

The product is analyzed and evaluated according to ISO 11 126-6/4 /. Analysis conducted by two independent institutions shows that the product contains no free quartz, and carcinogenic toxic substances that exceed established limits for blast agents.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
copper slag		90 - 100	Not classified

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse nose, mouth and throat with water. Drink a few glasses of water or milk.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: Dust from this product may cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Dust may cause mechanical irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Dust may cause mechanical irritation.
Symptoms/effects after ingestion	: Ingestion may cause nausea, vomiting and diarrhea.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable according to national regulations concerning flammable goods.

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper personal protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear appropriate personal protective equipment - see Section 8. Keep public away from danger area.

For non-emergency personnel

Emergency procedures : Evacuate area.
Measures in case of dust release : Ensure adequate ventilation.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Sweep up and place into an appropriate container. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. See section 13 for waste handling.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Wear appropriate personal protective equipment - see Section 8. Provide sufficient ventilation for operations causing dust formation. Do not breathe dust. Wash hands often and change clothing when needed.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Store in a dry place. Store in a closed container.
Incompatible materials : Acids.

7.3. Specific end use(s)

No additional data.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values for the other components

inert or nuisance dust, inhalable			
United Kingdom	WEL STEL (mg/m ³)	10 mg/m ³	

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Hand protection : Wear suitable gloves. Nitrile rubber gloves, natural rubber gloves. Butylrubber protective gloves. Breakthrough time : 480 min. Layer thickness : > 0,1mm. STANDARD EN 374.
Eye protection : Where excessive dust may result, wear goggles. STANDARD EN 166.
Skin and body protection : In case of dust production: dustproof clothing
Respiratory protection : Dust production: dust mask with filter type P2. Standard EN 149.
Other information : Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment. Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Powder.
Colour : Black.
Odour : None.
Odour threshold : Not determined.
pH : Not determined.
Relative evaporation rate (butylacetate=1) : No data available
Melting point : Not determined.
Freezing point : Not determined.
Boiling point : Not determined.
Flash point : Not determined.
Critical temperature : Not determined.
Auto-ignition temperature : Not determined.
Decomposition temperature : Not determined.
Flammability (solid, gas) : Non flammable.
Vapour pressure : Not determined.
Critical pressure : Not determined.
Relative vapour density at 20 °C : Not determined.
Relative density : No data available
Density : 3.82 g/cm³
Solubility : Not soluble in water.
Log Pow : Not determined.
Viscosity, kinematic : Not determined.
Viscosity, dynamic : No data available
Explosive properties : Not explosive.
Oxidising properties : Non flammable.
Explosive limits : Not determined.

9.2. Other information

Additional information : None to our knowledge.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No incompatible groups noted.

10.2. Chemical stability

Stable when used at recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

None to our knowledge.

10.4. Conditions to avoid

None to our knowledge.

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Stable under normal temperature conditions and recommended use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	: Not classified Based on available data, the classification criteria are not met
Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met pH: Not determined.
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met pH: Not determined.
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified No evidence of carcinogenic properties. Concentrations of carcinogens and toxic substances is <0.01%. The analysis is made on the following substances; nickel, cadmium, lead, chromium, cobalt, beryllium and arsenic.
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general : Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

12.2. Persistence and degradability

Star Grit Blåsemiddel	
Persistence and degradability	The product contains essential inorganic compounds and the biodegradability is therefore not relevant.

12.3. Bioaccumulative potential

Star Grit Blåsemiddel	
Log Pow	Not determined.
Bioaccumulative potential	Not potentially bioaccumulable.

12.4. Mobility in soil

Star Grit Blåsemiddel	
Ecology - soil	Insoluble in water.

12.5. Results of PBT and vPvB assessment

Star Grit Blåsemiddel	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

Other adverse effects : None to our knowledge.
 Additional information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Regional legislation (waste) : Product is not hazardous waste.
 Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
 Ecology - waste materials : Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

Rail transport

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

Contains no REACH substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

National regulations

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

15.2. Chemical safety assessment

A chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

Other information	: None.
Date of issue	: 19/03/2003
Revision date	: 22/06/2018
Supersedes	: 22/09/2016
Version	: 7.0
Signature	: K. Dyreskog

Full text of H- and EUH-statements:

EUH210

Safety data sheet available on request.

The information in this safety data sheet is based on information from the manufacturer/supplier, present european and national legislation, and presupposes that the product is used within the specified area of application.